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Patent
PD-089418A
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang,
et al.

Serial No.: 09/973,270
Filed: October 5, 2001

For: SAMPLING TECHNIQUE FOR
DIGITAL BEAM FORMER

Group Art Unit: 2634
Examiner: WONG, Linda

I hereby certify that this correspondence is
being deposited with the United States Postal
Service as first class mail with sufficient
postage in an envelope addressed to:

Mail Stop Issue Fee, Commissioner for
Patents, P. O. Box 1450, Alexandria, VA
22313-1450, on the date below:



Georgann S. Grunebach
Typed or printed name of person signing certificate

Date: January 6, 2006

**REQUEST FOR CONSIDERATION OF PREVIOUSLY FILED
INFORMATION DISCLOSURE STATEMENTS**

Mail Stop Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request consideration of the enclosed Information Disclosure Statement which was previously filed in the present application on December 12, 2002.

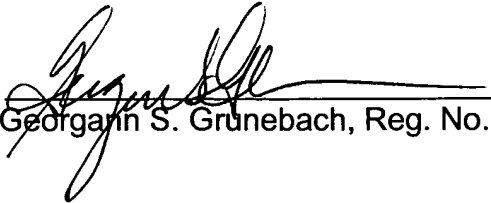
The Information Disclosure Statement dated December 12, 2002 was received by the Office on December 23, 2002, as evidenced by the copy of the date-stamped postcard enclosed herewith. The statement was timely filed under 37 C.F.R. §1.97(b)(3).

Accordingly, Applicants respectfully submit that this Information Disclosure Statement should be considered, and the accompanying PTO 1449 form, initialed by the Examiner.

Applicants believe that no fee is required in connection with this communication. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Favorable consideration is respectfully requested, and if the Examiner believes that there are any unresolved issues, Applicants request that the Examiner telephone the undersigned so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R11/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

January 6, 2006

CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to Box Non-Fee Amendment, Commissioner for Patents, Washington, DC 20231 on December 12, 2002 (Date of deposit).

V. D. Duraiswamy

Name of applicant, assignee, or Registered Representative
Reg. No. 31,505



V. D. Duraiswamy
Signature of person
December 12, 2002
Date of Signature

Patent
PD-89418A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: December 12, 2002
DONALD C. D. CHANG, et al.
Serial No. 09/973,270 : Group Art Unit: 2634
Filed: October 5, 2001 :
For: SAMPLING TECHNIQUE FOR DIGITAL : Examiner: Lugo, David
BEAM FORMER

INFORMATION DISCLOSURE STATEMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

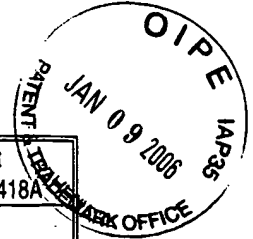
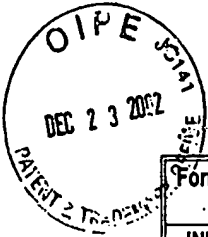
A first Office Action has not yet been received by Applicants. The references cited on the enclosed Form PTO-1449 (copies enclosed) are brought to the attention of the Office in accordance with the duty of disclosure defined in 37 C.F.R. 1.56.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,
DONALD C. D. CHANG, et al.

By: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
Attorney for Applicants
Registration No. 31,505

Enclosure: Form PTO-1449 w/references
HUGHES ELECTRONICS CORPORATION
Bldg. 001, M.S. A109
P.O. Box 956
El Segundo, CA 90245-0956
(310) 662-9919



Form PTO-1449	Serial Number: 09/973,270	Docket PD-89418A
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant DONALD C. D. CHANG ET. AL	
(Use several sheets if necessary)	Filing Date October 5, 2001	Group Not Known

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
	3,541,553	11/17/70	S. Gubin		
	5,151,706	09/29/92	Roederer et al.		
	5,589,834	12/31/96	Weinberg		
	5,764,187	06/09/98	Rudish et al.		
	5,839,053	11/17/98	Bosch et al.		
	5,982,337	11/09/99	Newman et al.		
	6,016,124	01/18/00	Lo et al.		
	6,018,316	01/25/00	Rudish et al.		
	6,020,845	02/01/00	Weinberg et al.		
	6,061,562	05/09/00	Martin et al.		
	6,173,178 B1	01/09/01	Hammill et al.		
	6,266,528 B1	07/24/01	Farzaneh		
	6,380,893 B1	04/30/02	Chang et al.		
	6,388,615 B1	05/14/02	Chang et al.		
	6,400,925 B1	06/04/02	Tirabassi et al.		
	US 2001/0048389 A1	12/6/01	Nakagawa		
	US 2002/0006795 A1	01/17/02	Norin et al.		

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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
	GB 2 349 045 A	10/18/00	Great Britain		
	WO 99/23769	05/14/99	WIPO		
	EP 0 860 952 A2	08/26/98	EPO		
	EP 0 961 416 A1	12/01/99	EPO		
	EP 1 161 001 A2	12/05/01	EPO		
	WO 97/07609	02/27/97	WIPO		
	JP 2001345747A	12/14/01	Japan		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner	Date Considered	

Please acknowledge receipt of the following in the USPTO by date stamp hereon:

1. PRELIMINARY AMENDMENT TRANSMITTAL LETTER (in triplicate)
2. PRELIMINARY AMENDMENT
3. INFORMATION DISCLOSURE STATEMENT
4. FORM PTO-1449 WITH REFERENCES
5. POSTCARD RECEIPT

In re: Patent Application of DONALD C. D. CHANG, et al
Serial No.: 09/973,270

Filed: October 5, 2001

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

PD-89418A

Attorney: V. D. Duraiswamy

Mailed: DECEMBER 12, 2002 - Mailed via FIRST CLASS MAIL

VDD:eth



A handwritten signature in black ink, consisting of a stylized, cursive letter 'J' followed by a vertical line.